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Part Number:

47420-0001

Status:

Active

Overview:

Battery Connectors

Description:

2.00mm Pitch Battery Connector, SMT, Contact Width 0.70mm, 4 Circuits

Documents:

3D Model

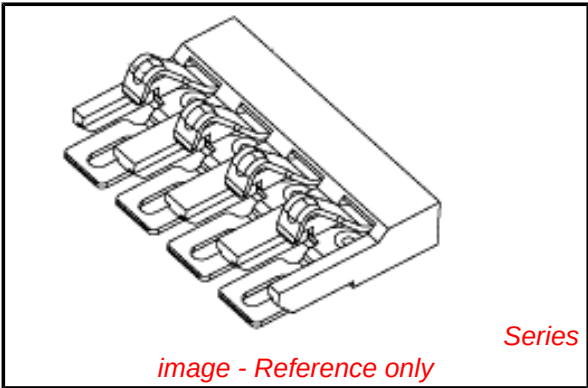
Drawing (PDF)

Product Specification PS-47420-001 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	PCB Headers
Series	47420
Application	Board-to-Board, Signal
Overview	Battery Connectors
Product Name	Battery Connector
UPC	822350639415
Physical	
Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	10,000
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Beryllium Copper
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	0.175/g
Number of Rows	1
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Plating min - Mating	0.762µm
Plating min - Termination	0.076µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	No
Stackable	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount

Electrical	
Current - Maximum per Contact	1A
Solder Process Data	
Duration at Max. Process Temperature (seconds)	30
Lead-free Process Capability	Reflow Capable (SMT only)



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

47420Series

Max. Cycles at Max. Process Temperature	2
Process Temperature max. C	250

Material Info

Reference - Drawing Numbers

Product Specification	PS-47420-001
Sales Drawing	SD-47420-001

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